

Emergency Support Function #11: **AGRICULTURE, NATURAL and CULTURAL RESOURCES**

Lead Agency:

- N.H. Dept. of Agriculture, Markets and Food (DAMF)

Support Agencies:

- N.H. Dept. of Health and Human Services (DHHS)/Div.of Public Health Services (DPHS)
- N.H. Dept. of Administrative Services
- N.H. Dept. of Fish and Game (F&G)
- N.H. Dept. of Resources and Economic Development (DRED)
- Volunteer NH Disaster Animal Response Team (NH DART)
- N.H. Dept. of Environmental Services (DES)
- N.H. Dept. of Cultural Resources, Archives and Record Management (ARM)
- N.H. Veterinary Medical Association (NHVMA)
- University of New Hampshire Cooperative Extension (UNH/CE)

INTRODUCTION

A. PURPOSE

The purpose of Emergency Support Function #11 – Agriculture, Natural and Cultural Resources (ESF #11) is to support State and local authorities' efforts to respond to incidents caused by all-hazards, including: providing evacuation of livestock, controlling and eradicating outbreaks of highly contagious or economically devastating animal or zoonotic diseases (i.e. transmitted between animals and people); coordinating with ESF #6 – Mass Care, Housing and Human Services and ESF #8 – Health and Medical to ensure the safety and security of the commercial food supply; protecting natural and cultural resources; and providing for the safety, of livestock during an emergency.

B. SCOPE

ESF #11 provides the mechanism for coordination of state, local and private resources to control and to eradicate an outbreak of a highly contagious or economically devastating animal/zoonotic disease, a highly infective exotic plant disease, or an economically devastating plant pest infestation when such occurrences become a significant emergency in New Hampshire. This includes occurrences in both domestic and wild flora and fauna, and further includes the welfare of animals, mainly livestock, during a disaster or emergency situation. ESF #11 also provides for protection of natural and cultural resources prior to, during, and/or after an incident in New Hampshire.

SITUATION AND PLANNING ASSUMPTIONS

A. SITUATION

Should a significant natural or man-made emergency occur, it could quickly overwhelm local government resources and their capability to provide necessary services, leading to a disaster situation. Such an emergency necessitates a plan to mitigate the situation utilizing State and/or federal assistance. An emergency of this magnitude will pose a threat to the residents and visitors of New Hampshire and to all facets of New Hampshire agriculture and economy. Such emergencies could involve crops, agricultural wastes/discharge, nurseries, pesticides, orchards, maple groves, animal feeds, animal

welfare, injured/displaced animals, dead animals, zoonotic disease, public health, wild animal, natural resource and other related issues. These emergencies could also place the state's economy and access to food at risk. In addition, the cultural resources of New Hampshire could be jeopardized or significantly affected during an emergency incident.

State government, private sector, and volunteer agencies assigned responsibilities involving emergency agriculture and natural resource issues are expected to have established operating procedures specifying their emergency support actions and be able to communicate and coordinate these actions in an emergency to best utilize available capabilities.

B. PLANNING ASSUMPTIONS

1. An emergency or disaster may adversely affect agricultural livestock or poultry; domestic plants or crops; and / or the wild flora or fauna of New Hampshire.
2. Lives of animals may be threatened. As well, the disruption of evacuation or the interruption/destruction of the various businesses involving animals may occur.
3. Substantial damage to domestic or wild plants/crops would have significant and long-lasting negative impacts on the state's economy through disruption of food supply, trade, and tourism.
4. Natural or man-made disasters may negatively impact wild or domestic plants/crops; the various animal industry and companion animal populations; and / or wildlife populations.
5. A natural, accidental, or intentional (agro terrorism) introduction of a disease may threaten domestic and/or wild animals or plants.
6. Any zoonotic disease, naturally occurring or intentionally introduced, may threaten public health as well as animal health.
7. In the event of a disaster affecting animal research facilities within the state, ESF #11, will provide assistance as needed and in accordance with existing capabilities. Animal research facilities should prepare their own response plans. The National Institutes of Health; Office of Laboratory Animal Welfare's Institutional Animal Care and Use Committee Guidebook for disaster response may provide a consistent model.
8. Efficient response and recovery efforts will aid the rapid return to economic soundness of the livestock, poultry, and/or companion animal industries; of agronomic and horticultural crops; and of wild flora and fauna. Such response will also afford public health protection, and support the benefit of the human-animal bond of companion animals in the human recovery process following a disaster.
9. Activities associated with the ongoing protection, preservation, conservation and rehabilitation of New Hampshire's natural and cultural resources are crucial to the economic and human well-being and cultural significance of the state.

CONCEPT OF OPERATIONS

A. GENERAL

1. ESF #11 will be organized and operate as a team, although divided into five (5) primary functions:
 - a. **Responding to animal and plant diseases and pests:** Includes implementing an integrated State and local response to an outbreak of a highly contagious or economically devastating animal/zoonotic disease, or an outbreak of a harmful or economically significant plant pest or disease. ESF #11 ensures that animal/veterinary issues in natural disasters are supported.

These efforts are coordinated by N.H. Dept. of Agriculture, Markets, and Food (DAMF).

- b. **Ensuring the safety and security of the commercial food supply:** Includes the execution of routine food safety inspections and other services to ensure the safety of food products that enter commerce. These efforts are coordinated by DHHS and DAMF subject to their respective statutory authorities.
 - c. **Protecting natural and cultural resources:** Includes appropriate response actions to preserve, conserve, rehabilitate, recover, and restore New Hampshire's cultural and natural resources. This includes providing post-event baseline assessments of damages and providing technical assistance and resources for assessing impacts of response and recovery activities. These efforts are coordinated cooperatively by the N.H. Dept. of Cultural Resources and the N.H. Archives and Records Management.
 - d. **Providing for the safety and well-being of livestock:** Supports HSEM together with ESF #6; ESF #8; and ESF #9 – Search and Rescue. The ESF #11 effort is coordinated by DAMF.
2. Unified Command will be used to the greatest extent possible to manage ESF #11 assets in the field due to the number and variety of government and private sector organizations that may be involved.
 3. If criminal or terrorist activity is suspected in connection with a disease event, the NH State Police will be advised immediately. They will work closely with the responding veterinary or plant diagnostics staff to ensure the proper handling and packing of any samples and their shipment to the appropriate research laboratory for testing and forensic analysis.
 4. Assisting all ESFs and other Support agencies in effectively addressing and responding to the functional needs of their target populations within their mission areas and to make available to them resources and methods that are available to address functional and specific needs

B. ORGANIZATION

1. **Organizational Chart (Command & Control):** ESF #11 shall function under the direction and control of the SEOC Operations Chief (**See *Organizational Chart in SEOP Base Plan. Chapter IV.4.b***).
2. **Operational Facilities/Sites**

ESF #11 may have to participate on several emergency teams and/or co-locate at several emergency facilities simultaneously (in-state or in another state through mutual aid). A listing of the teams and facilities through which ESF #11 may have to function follows:

- a. **Evacuation, Staging, Reception, and Sheltering Areas –** In coordination with other ESFs and local entities, identifying and maintaining routes from staging areas, reception areas, and shelters (human and animal). Identifying and maintaining special routes for special equipment, removal of animal remains or other special needs that may occur prior to, during or after an incident.
- b. **Agencies' Emergency Operations Centers -** In addition to receiving ESF #11 missions, agencies may receive additional missions serving in a Lead or Support role to other emergency support functions. Agencies may use a "central" Emergency Operations Center concept to manage the different roles

and accomplish all mission assignments. The “central” Emergency Operation Center is a “clearinghouse” that is used by the agencies to “track” assigned missions, resources committed, resources available, needed support for resources committed, needed contracts and contractors, and many other matters necessary for an effective emergency operation. In addition, some agencies may develop an “inter-agency” emergency operation center that is below the “central” emergency operation center or clearinghouse.

- c. **State Emergency Operations Center Mission Tasking** - The ESF #11 representative will assign requests for assistance to the agency or agencies that have the most appropriate resources and expertise to accomplish the task. No agency should be tasked more than another to ensure a balance in “mission” tasking and to maximize the use of all available resources. Mission Tasks will be posted to the appropriate emergency WebEOC.
- d. **Field Operations** – ESF #11 may serve in Field Operations (i.e., the Forward State Emergency Response Team, Impact Assessment Teams: Rapid Response Team, Preliminary Damage Assessment Team, Disaster Field Office operations, Recovery Center operations, intrastate and/or interstate mutual aid assistance). Since activation of these activities usually occurs early in an event, its activation sequence should be prepared for in the first hours of an event.
- e. **Specialized and Mutual Aid Teams**
Specialized local, Federal and Mutual Aid teams can be brought in as resources if the proper channels for requesting assistance are followed, this may include NH Disaster Animal Response Team (DART). Proper declarations would be required and requests should be made on an executive level to mobilize, as appropriate. It will be up to the local Incident Commander, in consultation with the ESF #11 representative in the SEOC to make the determination when and to what extent to utilize volunteer organizations in activities.
- f. **Federal Resources** - When ESF #11 foresees or has a need for resources not otherwise available, action will be taken to secure such resources through the *National Response Framework* (NRF) or some other federal source. Normally, an action to secure a resource from a federal source would be coordinated with/through the State Coordinating Officer and/or the Federal Coordinating Officer. However, if an ESF agency has no recourse through the Federal Emergency Management Agency, that ESF #11 may coordinate directly with the federal agency that can provide the needed federal resource.
- g. **Contracts and Contractors** - Resources that are available through ESF #11 may, at times, best be obtained through a contractor. Agency(ies) contracts may be utilized or access to State of New Hampshire or private sector contracts may be made through coordination with ESF #7- Resource Support.
- h. **Mitigation and/or Redevelopment** – ESF #11 does not have budgetary authority or funds for mitigation or redevelopment needs that result from an emergency or disaster. Therefore, ESF #11 can only provide (as in-kind or matching) professional, technical, and administrative personnel and their use of related equipment for mitigation and redevelopment efforts that may follow an event. Such in-kind or matching resources can be used to support the review, investigation, contracting, and other professional, technical, and administrative tasks generally required for mitigation and/or redevelopment activities.

3. Policies

a. **General:**

Actions initiated under ESF #11 are coordinated and conducted cooperatively with incident management officials and with private entities, in coordination with the State Emergency Operations Center (SEOC). Each supporting agency is responsible for managing its respective assets and resources after receiving direction from the ESF #11 Lead Agency.

b. **Animal and Plant Disease and Pest Response Policies:**

- i. Animal and plant disease and pest responses are conducted in collaboration and cooperation with State authorities, federal authorities, and private industries to ensure continued human nutrition and animal, plant, and environmental security, and to support the local, state, and national economies and trade. The Lead Agency for such a response will vary based upon the threat.
- ii. When addressing animal diseases, all animal depopulation activities are conducted as humanely as possible while stopping the pathogen spread and limiting the number of animals that must be euthanized. Disposal methods for infected or potentially infected carcasses and plant host material will balance their effectiveness in stopping pathogen spread; their practicality and expense of application; and their minimal impact on the environment.
- iii. In connection with an emergency in which a pest or disease of livestock threatens any segment of agricultural production in New Hampshire, the Governor and Executive Council, may draw from other appropriations or funds available. Said funds may be transferred to the agencies or corporations of DAMF as are determined necessary for the arrest, control, eradication, or prevention of the spread of the pest or disease of livestock and for related expenses including indemnity for producers. Provisions for said payments are found in RSA 436:45-64.
- iv. In the event of a plant health emergency, the Commissioner of DAMF may issue quarantines of premises and localities. The commissioner may request the declaration of an extraordinary emergency by the Governor. The Governor and Executive Council may draw from appropriations or funds available and use said funds as are determined necessary for the arrest, control, eradication, or prevention of the spread of the pest or disease and may also elect to provide compensation for economic losses incurred as a result of actions taken under the declaration of emergency. DRED has additional authorities for plant pests and diseases as they pertain to forests, such as quarantine and control area designation (RSA 227-G and K).
- v. Under a declaration of emergency, the Commissioner of DAMF may request Federal authorities to take action within a State if the affected State is unable to take appropriate action to control and eradicate the disease or pest.
- vi. Actions taken during an animal or plant emergency are guided by and coordinated with state, New England Region (NESAASA), and local emergency preparedness and response officials, Department of

Homeland Security officials, appropriate federal agencies, and existing DAMF internal policies and procedures.

c. Natural and Cultural Resources:

- i. Actions initiated under ESF #11 to protect, preserve, conserve, rehabilitate, recover, and restore natural and cultural resources are guided by the existing internal policies and procedures of the agencies providing support for the incident.
- ii. The organizations providing support for each incident coordinate with appropriate ESFs and other agencies, including the Safety Officer, to ensure appropriate use of volunteers and their health and safety and to ensure appropriate measures are in place to protect the health and safety of all workers.
- iii. Each support agency is responsible for managing its respective assets and resources after receiving direction from the Lead Agency.

d. Livestock Response Policies:

- i. Animal evacuation, rescue and sheltering should be conducted in conjunction with human evacuation and sheltering efforts. Animals should be sheltered near their owners to the extent possible.
- ii. Businesses where animals are integral to operations should be encouraged to have contingency plans in place for those animals in the event of a disaster or emergency.

PHASED ACTIVITIES

A. PREVENTION ACTIVITIES

1. General

- a. These activities, focusing on the protection of life and property, are performed on an on-going basis. They are also performed as a particular incident is on-going to help ensure additional incidents do not occur simultaneously.

B. PREPAREDNESS ACTIVITIES

1. General

- a. Developing plans for the protection of animal and plant health and security, including the response to an outbreak of a highly contagious animal/zoonotic disease, and outbreak of a highly infective exotic plant disease or an economically devastating plant pest infestation whether accidentally or intentionally introduced.
- b. Developing plans for sampling and analysis of plants/crops contaminated with chemical or biological agents.
- c. Developing plans for the safety, preservation, and / or protection of livestock, poultry, plants, companion animals, cultural or natural resources deemed significant by the Governor, prior to, during and after a natural or man-made event.
- d. Developing plans for the protection of animal health to include ensuring the safety of the manufacture and distribution of foods and distribution of drugs given to livestock, poultry and companion animals.

- e. Generating information to be included in SEOC briefings, situation reports and/or action plans.
- f. Maintaining personnel and equipment in a state of readiness appropriate to existing and anticipated emergency conditions to include mobilizing resources and staging them at various locations.
- g. Releasing information (in coordination with the JIC, if one is established) on disease and disaster planning and safety for animals, plants/crops, and cultural resources through news releases, brochures, or websites.
- h. Developing and maintaining a database of locations and contact information for animal and agricultural premises, cultural and natural resources, including supporting industries, veterinary medical and non-medical volunteers and agencies that will provide care and rescue assistance.
- i. Developing procedures to protect public from communicable diseases.
- j. Developing protocols and maintaining liaisons with elements of the American Veterinary Medical Association's (AVMA) Veterinary Medical Assistance Teams and the USDA's National Animal Health Emergency Response Corps (NAHERC).
- k. Assisting local governments in training of personnel and rescue organizations for agriculture and cultural and natural resources operations.
- l. Working with local officials regarding invasive forest pests and how to identify said pests. DRED also works with arborists and urban foresters providing training on assessing tree damage following an ice storm or wind event, etc.
- m. Developing and maintaining a list of emergency animal shelters and confinement areas in New Hampshire for livestock and poultry by county. This list will include personnel and resource information. When feasible, ESF #11 will assist emergency coordinators in identifying suitable facilities for shelters and confinement areas.
- n. Coordinating communication with ESF #14 - Volunteer and Donations Management concerning storage of animal and plant-related donated goods preceding a known disaster.
- o. Supporting the Emergency Management Assistance Compact (EMAC) and International Emergency Management Assistance Compact (IEMAC) including training of ESF on EMAC/IEMAC responsibilities, and pre-identification of assets, needs and resources that may be allocated to support other states/provinces.
- p. Annually reviewing the Department of Homeland Security Core Capabilities and integrating tasks as appropriate.
- q. ESF #11 personnel should be integrating NIMS principles in all planning.
- r. Evaluating the probability and time period of the response and/or recovery phases for the event. Begin development of an "After-Action Report" for ESF #11.

C. RESPONSE ACTIVITIES

1. Assigning and scheduling sufficient personnel to cover an activation of the SEOC for an extended period of time. Providing updates and briefings for any new personnel reporting for ESF #11 duty. Maintaining and updating WebEOC as appropriate for all ESF #11 agencies.

2. Assessing the situation, as requested, to include: the nature, type, amount and location of agricultural, animal or cultural or natural resources in jeopardy or affected, potential and type of exposure; probable direction and time of travel of the contaminants; potential impact on human health, welfare, cultural resources, safety and the environment; types, availability, and location of response resources, technical support, and cleanup services; and priorities for protecting human health, welfare, cultural resources, and environment, impact upon the economy and/or impact on the cultural or natural well-being of the State.
3. Providing animal and livestock safety through coordination, as needed, of emergency animal control, sheltering, rescue and stabling for livestock, poultry, rescue and transportation to shelter. Coordinating triage and follow-up medical care for animals. Coordinating integration of veterinary medical assistance teams.
4. Coordinating public information with JIC (if established) to guide residents and visitors, organizations and businesses on response/safety activities and procedures.
5. Coordinating eradication, crop destruction, removal and proper disposal of contaminated plants, soil, cultural resources, animal waste, and animal depopulation operations with other ESFs as appropriate. Decontaminating animals, animal products, and cultural resources as needed to prevent disease and protect public health.
6. Coordinating with the appropriate local, state and federal agencies to ensure the proper disposal of wastes associated with incidents, including ESF #10- HAZMAT.
7. Providing Protective Action Requirements (PAR), as the incident requires.
8. Support monitoring to determine the extent of the contaminated area and consult with appropriate support agencies to provide access and egress control to contaminated areas; request assistance from the CST as required.
9. Coordinating and preparing for the arrival of federal assets, including NAHERC, as requested. Planning and preparing the notifications systems to support the deployment of response personnel.
10. Coordinating with ESF #7 on the location and use of storage sites as staging areas for the deployment of personnel, assets and materials (including food, medical supplies, and agricultural chemicals) into the affected zones.
11. Determining critical needs and resources available within the State to preserve, conserve, rehabilitate, recover and restore natural and cultural resources. Based upon findings, request assistance from federal assets and Heritage Emergency National Task Force.
12. Beginning to evaluate the probability and time period of the recovery phase for the event. If recovery phase is probable, start pre-planning for recovery actions.
13. Continuing to develop the "After-Action Report" for ESF #11.

D. RECOVERY ACTIVITIES:

1. Assigning and scheduling sufficient personnel to cover an activation of the SEOC for an extended period of time.
2. Providing updates and briefings for any new personnel reporting for ESF #11 duty.
3. Maintaining and updating WebEOC as appropriate for all ESF #11 agencies. Seeking information concerning the projected date the SEOC will deactivate.
4. Evaluating and tasking ESF #11 support requests for impacted areas. Continuing to coordinate activities and requests with partner ESFs. Coordinating appropriate records of work schedules and costs incurred by ESF #1 agencies during the event.

5. Preparing for the arrival of and coordinating with FEMA ESF #11 personnel.
6. Coordinating the assignments of veterinary personnel to assist in delivering on-going animal control and health care to sick/injured or abandoned animals and performing veterinary preventative medicine activities.
7. Suspending operations of meat, poultry, and egg-processing plants as appropriate.
8. Utilizing the local, statewide and national networks for scientific/technical advice, information and assistance for long-term recovery, restoration, preservation, stabilization and rehabilitation of natural, cultural and historical resources of state significance.
9. Generating information to be included in SEOC briefings, situation reports, and/or action plans.
10. Identify and track any lost or damaged equipment and record any personnel injuries or equipment accidents.
11. If mitigation and/or redevelopment phase is probable, start pre-planning actions with agency, State, and/or federal officials. Implementing and monitoring the “After-Action Report” for ESF #11.

E. MITIGATION

1. Providing updates and briefings for any new personnel reporting for ESF #11 duty.
2. Evaluating the probability and time period of the mitigation and/or redevelopment phase for the event. Collaborating with other ESF agencies regarding mitigation and/or redevelopment activities that may need ESF #11 support. Beginning to plan for and provide support for mitigation and/or redevelopment activities that may begin before SEOC deactivation and continue for several months.
3. Providing scientific/technical advice, information, and assistance for preservation, protection, conservation or rehabilitation of appropriate natural, cultural or historical resources.
4. Supporting requests and directives resulting for the Governor and/or FEMA concerning mitigation and/or redevelopment activities. Probable requests and directives include establishment of review and study teams, support of local government contracting for mitigation and/or redevelopment needs, and other similar professional, technical, and administrative activities.
5. Generating information to be included in SEOC briefings, situation reports, and/or action plans.
6. Implementing and monitoring the “After-Action Report” for ESF #11.

ROLES & RESPONSIBILITIES

A. ACTIVITIES ASSOCIATED WITH FUNCTION:

ESF #11 Lead and Support Agencies activities include:

1. All ESF #11 Lead and Support Agencies will provide available, trained personnel to serve as ESF #11 representatives in the SEOC, as capable. Maintaining and updating WebEOC as needed.
2. All personnel have access to their agency’s available and obtainable resources. The committed and uncommitted status of such resources is continuously tracked during an activation of the SEOC. All personnel have access to appropriate records and data that may be needed for an ESF #11 response (i.e., mutual aid compacts, facilities listings, maps, etc.).

3. Participating in the evaluation and mission assignment of ESF #11 resource requests submitted to the SEOC including resources that are available through mutual-aid agreements, compacts, and/or FEMA.
4. Supporting the development of situation reports and action plans for ESF #11 during activation of the SEOC.
5. Providing Subject Matter Experts (SME's) as requested to support public notification and information and other emergency response activities.
6. Assisting in the revisions/updating of ESF #11 and other appropriate and related response/mitigation plans.
7. Working with the Safety Officer, to ensure the health and safety of response workers.

B. AGENCY SPECIFIC

1. Lead Agency: Dept. of Agriculture, Markets & Food (DAMF)

- a. ESF #11 administration, management, planning, training, preparedness, response, recovery, and mitigation/redevelopment activities. Assuring worker safety.
- b. Assigning personnel to the ESF #11 duty schedule at the SEOC. Providing staff and resources necessary to conduct impact assessment of the impacted area.
- c. Developing operating procedures to implement the Animal/Agriculture Emergency Prevention/Preparedness/Response/Recovery/Mitigation functions.
- d. Maintaining position logs and mission-tasking in WebEOC.
- e. Developing and implementing plans for protection of animal health through coordination of animal/zoonotic disease prevention and outbreak, surveillance (to include tracking animal movement), diagnostics, control and eradication consistent with agency mission. Coordinating animal depopulation and any necessary removal and proper disposal of carcasses, animal waste, and other impacted materials. Providing technical assistance on animal and plant disease recognition and identification.
- f. Developing and implementing plans for ensuring the safety of the manufacture and distribution of feeds and distribution of drugs given to livestock and companion animals. Coordinating location of food and arranging for and feeding distressed, disaster-impacted, and evacuated animals.
- g. Participating in exercises to test operating procedures and ensure that all support agencies are included in training and testing functions as appropriate. Releasing information at least annually on disease and disaster planning and safety for animals through news releases, brochures, websites or other means.
- h. Coordinating meetings and activations, as necessary, of the appropriate animal, agriculture, and related response teams. These may include, but not be limited to, representatives of involved agencies or organizations. At such meetings, participants will discuss the operational preparedness and response actions necessary for ESF #11 coverage. Activations will include large animal emergency rescue teams, made up of volunteers to work with rescue and fire personnel.
- i. Developing a state level plan to assist towns and / or counties in evacuating, controlling, rescuing, and sheltering animals (including livestock). As capable and as resources allow, develop training programs for animal/agriculture emergency coordinators and other interested persons, as resources are available.

- j. Developing and maintaining a database of veterinary medical and non-veterinary medical volunteers and agencies that will provide care assistance.
- k. Coordinating communication with ESF #14 concerning the storage of animal and plant-related donated goods preceding a potential disaster and preparation for hay, food, and non-medical large animal supplies.
- l. Providing dairy product and producer support and sampling, as necessary and as capable.

2. Support Agencies

a. Dept. of Health and Human Services/Division of Public Health (Primary Support) (DPHS)

- i. Assisting DAMF in determining long-term impacts of catastrophic agricultural incident.
- ii. Providing laboratory and diagnostic support, SMEs, technical assistance, surveillance and field investigators to assist in product tracing, inspection and monitoring and interdiction activities associated with ESF #11.
- iii. Working in collaboration with the DAMF and State Veterinarian, helping provide veterinary public health and clinical subject-matter expertise supporting through the U.S. Public Health Service Commissioned Corps veterinary teams, as needed, and epidemiologists to address environmental public health, toxicology, bite/scratch injuries from animals, and zoonotic disease hazards; conduct veterinary/animal emergency needs assessments; respond to occupational safety and health issues associated with animal response; and help implement rabies quarantines, etc.

b. Dept. of Administrative Services

- i. Assisting in the preparation for storing of donated animal-related relief supplies including hay, food, non-medical supplies.
- ii. Providing technical assistance in contracting and procuring natural, historic and cultural resource/damage assessments, preservation, protection and stabilization within impacted area.

c. Fish and Game

- i. Providing consultation, technical assistance and response to animal health issues involving wildlife and wildlife diseases (disease outbreak, bio-terrorist attack, waste, and carcass disposal, technological accident).
- ii. Developing plans to respond to outbreak of a highly contagious animal/zoonotic disease, which includes or affects native or free-ranging wildlife species.
- iii. Providing native or free-ranging wildlife species support within agency policy and statutory guidelines.
- iv. Assisting in evacuation of populations within wildland areas as required.
- v. Providing limited assistance, if available, to coordinate zoo and exotic animal situations.
- vi. Developing and implementing plans to prevent and control aquatic invasive species problems in public waters and restore aquatic habitats impacted.
- vii. In collaboration with DRED, maintaining a list of natural resources considered “significant” to the State of New Hampshire and the United States.
- viii. Providing laboratory and sampling assistance, as requested.

d. Dept. of Resources and Economic Development (DRED)

- i. Providing consultation, assistance and response to contagious animal/zoonotic and plant diseases. In addition, DRED has statutory

authority to manage plant diseases when they impact or have the potential to impact the forests. Authority is under RSA 227-G and K. Providing technical assistance for wildlife and plant related incidents, especially within Department-owned and operated reservations.

- ii. Developing and maintaining lists of forestry diseases and pests of national and jurisdictional significance. Developing field detection plots or other field methods to detect disease and/or pest threats to the state's forests.
 - iii. When large numbers of infested nursery stock need to be burned to eradicate an invasive pest, DRED forest rangers can assist in the permit and burning. DRED may also allow the use of some of Department-owned lands for the burning of infested plant stock.
 - iv. Developing and implementing plans to prevent and control aquatic invasive species problems in public waters and restore aquatic habitats impacted.
 - v. Surveying forest disaster areas to delineate heavy, medium, and light damage, salvage volume, anticipated logging conditions, market potential. Preparing and implementing forest disaster plans to address salvage, harvesting, and marketing of forest products damaged by disaster.
 - vi. Providing laboratory and sampling assistance, as requested. Pre-screening and sorting of potential forest pathogens prior to submission to the official pest diagnostic network.
 - vii. Providing assistance in development of safety measures and communications to local and state businesses as required by the incident.
 - viii. Developing and maintaining records on impact of plant/animal infestations, diseases upon state businesses and industries.
 - ix. In collaboration with Dept. of Fish & Game, maintaining a list of natural resources considered "significant" to the State of New Hampshire and the United States.
 - x. Developing public service announcements for forestry disaster planning and safety.
- e. **Volunteer NH Disaster Animal Response Team (NHDART)**
- i. Coordinating with DAMF to provide information, volunteers and equipment, when available, for response to pet evacuation and sheltering needs.
 - ii. Under direction of DAMF, serving as contact and provider of companion animal transportation, care, sheltering, and rescue in emergencies.
 - iii. Coordinating with appropriate organizations to provide broad-based education and training materials to local emergency management officials and local animal emergency response volunteers.
 - iv. Developing and maintaining a current list of Pet-Friendly hotels and motels in New Hampshire.
 - v. Developing and maintaining a current list of animal services available in the state including non-profit animal shelters.
 - vi. Disseminating public information for animal emergency response guidance in coordination with PIO or JIC.
 - vii. Organizing and publicizing lost and found data to achieve animal/owner reunion. Publication of information will be coordinated through the PIO/JIC. Assisting with final return to owner, long-term maintenance, placement or disposition of displaced animals which cannot be returned to their normal habitat or which have been separated from their owners.
- f. **NH Veterinary Medical Association (NH VMA)**
- i. Identifying, training, and assigning personnel as Veterinary Liaison Officers who will assist in development of state and local animal emergency response plans which include plans for emergency, temporary companion animal care/sheltering.

- ii. Assisting in the development and implementation of plans to respond to the outbreak of a highly contagious animal/zoonotic disease.
- iii. Providing instructional/educational material to veterinary members to assist them in participation with local/state animal emergency programs.
- iv. Assisting DAMF and non-profit animal-related organizations in planning and carrying out volunteer/public education and training programs for animal emergency response.
- v. Encouraging the posting of animal emergency response information posted on NHVMA and member web pages.
- vi. Monitoring veterinary medical care status in affected areas and provide status reports to DAMF.
- vii. Coordinating requests for animal medical assistance (supplies or veterinary manpower) in support of DAMF. As requested, coordinating medical supplies with ESF #7.
- viii. Providing basic medical care for unclaimed animals in emergency temporary shelters in coordination with volunteer staffing.
- ix. Providing medical care, within valid client/patient/doctor relationship and guidelines, to owned animals in emergency temporary shelters, when requested.
- x. Assisting DAMF and PIO/JIC in development, release and dissemination of animal care/response and proper public health protection measures information during times of emergency.
- xi. Organizing and publicizing lost and found data to achieve animal/owner reunion. Publication of information will be coordinated through the JIC/PIO. Assisting with final return to owner, long-term maintenance, placement or disposition of displaced animals which cannot be returned to their normal habitat or which have been separated from their owners.

g. University of New Hampshire Cooperative Extension

- i. Developing and implementing training programs for local emergency management officials and other interested persons, as resources are available.
- ii. Developing and maintaining public service announcements for disaster planning and safety for animals and plants/crops and food through news releases, brochures, websites or other means. Coordinating public messaging through PIO/JIC.
- iii. Coordinating through county extension agents to assess local situation and identify animal emergency coordinator in each county. Collecting data and monitoring activities associated with damage assessment of livestock and equine populations and economic-impact of affected agriculture and forests.
- iv. Supplying personnel for damage assessment teams, or observation teams, as requested and as personnel are available.
- v. Working with University of New Hampshire administration in securing assets, as needed during emergency situations.
- vi. Assisting with containment, surveillance and eradication efforts, as well as livestock relocation. This would include disposition of displaced livestock or poultry that cannot be returned to their normal home or that have been separated from their owners.
- vii. Supporting and planning for mitigation measures including monitoring and updating mitigation plans as they pertain to agriculture and livestock.
- viii. Assisting with impact assessments and remedies for wildlands, forests, and tree farms.

h. Dept. of Environmental Services

- i. In accordance with statute, rule, and policy, identifying/advising sites and methodologies for advising the disposal of animal carcasses, contaminated plants, and other materials in need of disposal.
 - ii. Providing guidance regarding potential groundwater contamination due to burial of contaminated animal carcasses.
 - iii. Providing guidance and assistance in the appropriate methods to prevent contamination of water sources due to runoff during decontamination procedures.
 - iv. Providing advice as needed to mitigate environmental impacts of response and recovery efforts.
 - v. Assisting with the decontamination of infected, contact, and suspect premises.
 - vi. Providing assistance, as capable, with laboratory and sampling activities.
- i. **Dept. of Cultural Resources/NH Archives and Record Management**
- i. Providing technical advice and guidance on procedures and protocols for preservation of historic resources. Identifying and carrying out procedures to communicate guidance for use by stakeholders and participants in New Hampshire.
 - ii. Assisting in identifying priority disaster-specific policy initiatives such as emergency appropriations, programmatic agreements, or program alternatives to address specific disaster conditions.
 - iii. Developing a plan and providing it for implementation for record and archival maintenance and recovery in a disaster/emergency for cultural and historic resources significant to New Hampshire and under the purview of the agency(ies).
 - iv. Providing preservation, scientific/technical, and records and archival management advice and information to help secure or prevent or minimize loss of natural, cultural, historic resources (including documents) during disaster situations and stabilization, security, logistics, and contracting for recovery services for damaged resources.
 - v. Developing and maintaining a list of New Hampshire cultural and historical resources of national or state “significance.”
 - vi. Functioning as liaison with Heritage Emergency National Task Force, Advisory Council on Historic Preservation, Council on State Archivists, and National Archives and Records Administration.

C. COORDINATION WITH OTHER EMERGENCY SUPPORT FUNCTIONS:

All ESFs will coordinate, as appropriate, with other ESFs by:

1. Notifying partners of available resources, including meeting specialized transportation needs.
2. Providing availability of subject matter experts for specialized requirements.
3. Coordinating all communications and messaging to the public through the PIO/JIC.
4. Assisting with debris removal including, but not limited to, removal of carcasses and contaminated plants.
5. Notifying partners of the availability of parking, storage, collection and staging facilities.
6. Setting and maintaining of public safety/security perimeters due to quarantine or contamination.

**D. SEOP HAZARD-SPECIFIC INCIDENT ANNEXES WITH ESF #11
RESPONSIBILITIES:**

- Terrorism

- Radiological Emergency Response at Nuclear Facilities
- Hazardous Materials
- Public Health Emergency

FEDERAL RESPONSE INTERFACE/STATE & INTERNATIONAL MUTUAL AID

When agriculture, natural and cultural requests exceed the capability of the State, with the approval of the Governor, the ESF #11 Lead Agency will coordinate activities with the Lead Federal Agency for ESF #11 under the provisions of the *National Response Framework (NRF)*. State and International Mutual Aid agreements (EMAC/IEMAG, etc.) may also be activated as the situation warrants. Agreements exist through the New England Animal Agriculture Security Alliance (NESAASA).

ADMINISTRATION AND LOGISTICS

A. POLICIES:

1. All agency and ESF Plans provide for administrative and logistical support necessary to maintain a 24-hour, 7 day a week sustained operation.
2. Administrative and logistical support of operational field elements is the responsibility of each participating agency.
3. Provision is made by each participating agency to record all resources used in support of the emergency operation and provide such information to the Finance and Administration Section for consolidation and recording.
4. Participating agencies will be notified when threshold levels are reached for implementation of any federal assistance programs or requests from mutual aid compacts.

B. NOTIFICATION AND REPORTING:

1. Notification

- a. The N.H. State Police, a municipality or State Agency will notify HSEM that an incident has occurred, or has the potential to occur, that threatens or impacts an area of New Hampshire. HSEM will gather information for on-going situational awareness and notify ESFs, as appropriate. RSA 436:33 mandates reporting of significant animal diseases to the Commissioner of Agriculture whenever suspicion of such disease exists.
- b. HSEM personnel will make the decision to activate the SEOC and determine level of activation.
- c. If SEOC activation is determined to be necessary, the HSEM Agency Liaison will notify the ESF Lead Agency of the activation and request designated personnel to report to the SEOC or to remain on stand-by.
- d. The Lead Agency will then notify the appropriate ESF Support Agencies and determine coverage/duty roster for the ESF desk in the SEOC. WebEOC will be utilized to provide continuous situational awareness.
- e. All ESF agencies will make appropriate notifications to their appropriate regions, districts or local offices.
- f. The above notification process will be utilized for all phases of activation and activities in which the ESF will be involved.

2. Event Reporting

- a. Event and position logs should be maintained by each ESF agency in sufficient detail to provide historical data on activities taken during the event.
- b. Agencies are also expected to keep their Lead Agency updated upon all activities and actions.
- c. The Lead Agency will be responsible for making periodic reports to their Sections on activities taken by the ESF, in total, during the event and assure they are properly documented.
- d. All financial reporting will be done through the ESF Lead Agency on behalf of their support agencies. All financial management documents must comply with standard accounting procedures and applicable agency, State and Federal guidelines, rules, standards and laws.

3. Agreements/MOUs, etc.

Lead and Support Agencies will maintain up-to-date agreements and Memorandums of Understanding, Letters of Agreement (MOU/LOA) with various other agencies, regions, states or countries, as appropriate. Each agency is responsible for keeping these documents updated and with appropriate points of contact. Support Agencies should keep the Lead Agency informed of any such agreements which may impact resources or capabilities during an emergency incident. The State of New Hampshire also maintains agreements and mutual aid compacts on behalf various organizations. These may be activated as the situation warrants.

DEVELOPMENT, MAINTENANCE AND IMPLEMENTATION OF ESF/SEOP

A. RESPONSIBILITIES

Development, maintenance and implementation of this Appendix rests with the Lead Agency in consultation and collaboration with the Support Agencies.

B. CORRECTIVE ACTIONS

Following each activation, exercise, etc. in which this ESF has been activated, an After-Action Report should be conducted by the Lead Agency with the appropriate Support Agencies. A Corrective Action/Improvement Plan should be developed and incorporated into the ESF response activities when updated.

C. UPDATING & REVISION PROCEDURES

The primary responsibility for the development and overall maintenance of the State Emergency Operations Plan belongs to HSEM. Assistance and input will be sought from all ESFs.

Updating and maintenance of this ESF Appendix rests with the Lead Agency. Coordination, input and assistance should be sought from all the agencies involved in the ESF activities. An annual review of the Appendix should be conducted with information provided to HSEM for incorporation into the next SEOP scheduled update. This does not preclude the incorporation of any changes immediately into the ESF Appendix. If information collected is of serious enough nature to require immediate revision, HSEM will produce such a revision of the SEOP ahead of schedule.

ATTACHMENTS

A. PLANS

1. Lead and Support Agency Plans & Procedures maintained individually
2. State Hazard Mitigation Plan
3. Foot-and-Mouth Disease Response Plan
4. Foreign Animal Disease Preparedness & Response Plan
5. State of New Hampshire Response to an Animal Avian Influenza (H5/H7) Emergency
6. Volunteer NH New Hampshire Disaster Animal Response Team Operations Manual

B. LISTINGS/MAPS

Maintained by Lead & Support Agencies

C. MOUs/LOAs

Maintained by Lead & Support Agencies or Incident Specific Annexes

1. New England Secure Milk Supply Plan
2. New England States Animal Agricultural Security Alliance (NESAASA)
3. The Texas A&M University System Mutual Non-Disclosure Agreement
4. Emergency Management Assistance Compact
5. International Emergency Management Assistance Compact

D. NATIONAL RESPONSE FRAMEWORK – ESF #11 AGRICULTURE & NATURAL RESOURCES